

**TITLE OF INVENTION**

**THICK-FILM DIELECTRIC AND CONDUCTIVE COMPOSITIONS**

**ABSTRACT**

Conductive powder and paste compositions are formed having  
5 desirable electrical and physical properties. The conductive powder and  
paste compositions may be used in combination with dielectric powder  
and thick-film paste compositions, which are formed having high dielectric  
constants, low loss tangents, and other desirable electrical and physical  
properties, to form capacitors and other fired-on-foil passive circuit  
10 components.